

DERWENT-ACC-NO: **1989-064246**

DERWENT-WEEK: 198909

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TITLE: Mobile overflow weir controller, for bio-oxidising tank
contg. meter, thermometer, air blow amt.- and biological
membrane contact time period-calculating circuits, etc.
for water purificn. plant

INVENTOR: ISHIKAWA H; KANAZAWA T ; OKUMA K

PATENT-ASSIGNEE: HITACHI ENG CO LTD[HITJ] , HITACHI LTD[HITA]

PRIORITY-DATA: 1987JP-168729 (July 8, 1987)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
JP 01015197 A	January 19, 1989	JA

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
JP 01015197A	N/A	1987JP-168729
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INT-CL-CURRENT:

TYPE	IPC	DATE
CIPP	C02F3/06	20060101

ABSTRACTED-PUB-NO: JP 01015197 A

BASIC-ABSTRACT:

Mobile overflow weir controller for bio-oxidising tank in water purificn. plant
comprises meter and thermometer for measuring amt. and temp. of feed water
flowed into the tank, respectively, air flow amt. calculating circuit for
calculating air amt. flow into the tank, based on measured amt. biological
membrane contact time period calculating circuit for the membrane-

contact time
period necessary for making organic substance-removing efficiency at
measured
temp. of specific value, circuit for calculating effective water
depth for
attaining calculated time period, overflow mobile weir for adjusting
water
depth corresponding to effective one, circuit for controlling weir
and means
for feeding aerating air to the tank in amt. determined by air flow
amt.
calculating circuit.

ADVANTAGE - Treated water with stable quality can be obtd. even when
quality of
feed water varies.

TITLE-TERMS: MOBILE OVERFLOW WEIR CONTROL BIO OXIDATION TANK CONTAIN
METER

THERMOMETER AIR BLOW AMOUNT BIOLOGICAL MEMBRANE CONTACT
TIME PERIOD
CALCULATE CIRCUIT WATER PURIFICATION PLANT

DERWENT-CLASS: D15

CPI-CODES: D04-A01J; D04-A01K;

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: 1989-028457